| POSITION                  | INITIALS | ID NO. | DATE |
|---------------------------|----------|--------|------|
| FEE DETERMINATION         |          |        |      |
| O.I.P.E. CLASSIFIER       |          |        |      |
| FORMALITY REVIEW          |          |        |      |
| RESPONSE FORMALITY REVIEW |          |        |      |

## **INDEX OF CLAIMS**

| V | Rejected                   | N | Non-elected  |
|---|----------------------------|---|--------------|
|   | Allowed                    | i | Interference |
|   | (Through numeral) Canceled | Α | Appeal       |
|   | Restricted                 | 0 | Objected     |

| - (\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ |        |          |           |          |    |                   |           |         |              |          | Restricted 0 |                 |     |        |                      |           |            |            |             |          |          |           |          | Objected          |            |          |            |          |          |          |          |              |              |                        |           |          |          |
|---|--------|----------|-----------|----------|----|-------------------|-----------|---------|--------------|----------|--------------|-----------------|-----|--------|----------------------|-----------|------------|------------|-------------|----------|----------|-----------|----------|-------------------|------------|----------|------------|----------|----------|----------|----------|--------------|--------------|------------------------|-----------|----------|----------|
| آو                                      | lai    | im       | Date Date |          |    |                   |           |         |              |          | Claim D      |                 |     |        |                      |           |            | Date       | <del></del> |          | _        |           | $\neg$   | CI                | aim        |          |            | Date     |          |          |          |              |              |                        |           |          |          |
| F                                       | т      | _        |           | 5/11/0   | (~ | 13                | 1         | Т       | 1            |          | Γ            |                 | ļ   | _      | $\neg$               | <u>,</u>  | 7          | 2 4/14/63  | П           |          |          |           | П        |                   |            |          | $\Box$     |          | ٦        |          |          |              |              | П                      |           | П        |          |
| ١,                                      | a      | Original | 4/23      | 1,6      | Š  | 4/14/85           | -         |         |              |          |              |                 | ļ   | ᇜ      | 51<br>52<br>53<br>54 | 1.5/16/82 | ্ব         | 7          | - 1         | 1        |          | - 1       | - 1      | 1                 |            | a l      | Original   |          | - 1      |          |          |              |              |                        |           |          |          |
| Ĭ                                       | Lug    | ঠ]:      | 2         | λ        | 8  | 13                | 1         |         | 1            |          |              |                 | -   | Final  | δl                   | 1         | 0          | 커          | -           | 1        |          | 1         |          |                   |            | Finat    | ő          |          |          |          | - 24     |              |              | لـــا                  |           |          | ╝        |
| F                                       |        | ①        | Ļ         | 1        | /  | 17                | 1         |         | Г            |          |              |                 |     | $\Box$ | 51                   | 1         | N          | ΛI         | П           |          |          |           |          |                   |            |          | 101        |          |          |          |          |              |              |                        |           |          |          |
| ١.                                      | _      | 2        | ī         | ŗ        | Т  | 1                 | T         | 1       | Г            | T        |              |                 | 7   | - (    | 52)                  | ٦         |            | 7          |             |          |          |           | П        | $\Box$            |            |          | 102        |          |          |          |          |              |              |                        |           |          |          |
|   | 7      | 3        |           | †        | IT | $\dagger \dagger$ | 1         |         | 1            | 1        |              | П               | ı   | - (    | 63)                  |           |            | フ          | $\neg$      | T        | -        |           | П        | T                 |            |          | 103        |          | П        |          |          |              |              |                        |           |          |          |
| <b> </b>                                | 7      | 4        | 11        | +        | T  | Ħ                 | 1         | 1       | T.           | †        | 1            | Н               | ı   | T      | 54                   |           |            |            |             | T        |          | $\neg$    | $\neg$   |                   |            |          | 104        |          |          |          |          | 1            |              |                        |           | $\Box$   |          |
|   |        | 5        | 11        | 1        | 1  | Ħ                 | 1         | 1       | 1            | Т        |              | П               | f   | -      | 55                   | ~         |            |            | П           |          |          |           |          |                   |            |          | 105        |          |          | Ì        | Ġ,       |              |              |                        |           |          |          |
|   | - 1    | 6        | $\pi$     | 1        | 1  | Ħ                 | 1         |         |              | T        | Г            | П               |     | $\neg$ | 56                   |           |            |            |             |          |          | T         |          |                   |            |          | 106        |          |          |          |          | 1            | ħ.           | des.                   | : 1       | ,        |          |
| -                                       |        | 7        | П         | 1        |    | 17                | T         |         |              | T        | •            | П               |     | $\neg$ | 57                   | П         |            | $\neg$     |             |          |          |           | П        |                   |            |          | 107        |          |          |          |          | 4            |              |                        |           |          |          |
| - 1                                     | 1      | 8        | 11        | T        |    | 11                | 1         | T       |              |          |              | П               | Ī   | $\neg$ | 58                   |           |            |            |             | П        |          | П         | П        |                   |            |          | 108        |          |          |          | •        |              | 1            |                        | - "       |          |          |
|   | 7      | 9        | Ħ         | T        | 1  | 劜                 | 1         | $\top$  |              | T        |              | П               | Ī   |        | 59                   |           |            |            |             |          |          |           | П        |                   |            |          | 109        |          |          |          |          |              |              |                        |           |          |          |
|   | •      | 10       | H         | $\top$   | V  | 7                 | 十         | 1       |              | T        |              | П               | 1   |        | 60                   | $\neg$    |            |            |             | T        |          | П         | 丁        |                   | $\neg$     |          | 110        |          |          |          |          | 7            | ٠, ١,,       |                        |           |          |          |
|   | 7      | 11       | Ħ         | †        | N  | N                 | 1         | 1       |              | 1        | 1            | П               |     |        | 61                   |           |            |            | T           | 7        | T        | 丁         | 7        |                   | $\neg$     |          | 111        |          |          |          |          | . 7          | 1            |                        |           |          |          |
| , F                                     |        | 12       | H         | 1        | 1  | ii                | T         | T       | 1            | †        | 1            | П               | l   |        | 62                   | ╗         |            | 寸          | 7           | 7        |          | $\neg$    | 1        |                   |            |          | 112        | $\Box$   |          |          |          |              | -17          |                        |           |          |          |
| <i>[</i>                                |        | 13       | 11        | -        | H  | ††                | $\vdash$  | 1       | 1            | 十        | Т            | Н               | ŀ   | 寸      | 63                   | Ħ         |            |            | $\neg$      | 寸        |          | $\dashv$  | $\dashv$ | 1                 |            | . [      | 113        |          | $\neg$   |          | 1        | 4            | V.           | , -                    |           | $\Box$   |          |
|   |        | 14       | H         |          | †  | H                 | +         | 1       |              | †        | $\vdash$     | Н               | ŀ   |        | 64                   | 7         |            | 寸          | 7           | 7        |          | $\neg$    | 7        | $\neg$            | $\neg$     |          | 114        |          | $\neg$   |          | ٠.       | /            | 200          | 9 I                    |           |          |          |
| <u> </u>                                |        | 15       | 1         | .        | H  | H                 | +         | +.      | 1            | t        | 1            | Н               | ŀ   |        | 65                   | 1         |            | $\dashv$   | 7           | $\dashv$ | T        | _         | 1        | 1                 | 7          |          | 115        | $\neg$   | 1        |          | 1        | 932          | 2            | $\mathcal{J}_{g}^{**}$ |           | Ħ        | $\Box$   |
|   |        | 16       | H         | +        | H  | H                 | ┼         | +       | +            | +        | <u> </u>     | Н               | ŀ   |        | 66                   | 7         | _          |            | _           |          |          | 7         | 7        | ╗                 | ╗.         |          | 116        |          | $\neg$   |          | 1.1      | 100          | De.          | 5,465                  | . 62      |          | $\neg$   |
| 7 7                                     |        | D        | 11        | +        | Н  | H                 | 1         | +       | 1            | 1-       | 1            | Н               | Ì   |        | 67                   | 7         |            |            | $\dashv$    | 7        | _        | $\dashv$  | _        | _                 | 7          |          | 117        | $\neg$   | . 1      |          | . ,,,    | 4            | 10           |                        | 1         |          |          |
| 1                                       | ╬      | 18       | ╁┤        | +        | +  | ₩                 | ╁╴        |         | +            | ╁╌       | $\vdash$     | Н               | ŀ   |        | 68                   | ┪         |            | _          | _           | 7        | <u>\</u> | 7         | 7        | 寸                 |            | 1        | 118        | 7        | _        |          |          | W.           |              |                        |           |          | ᄀ        |
| -                                       |        | 19       | ┨┤        | +        | H  | ╫╴                | +         | +       | $\vdash$     | ╁┈       | <del> </del> | H               | ŀ   |        | 69                   | ┪         |            | -          | _           | _        | _        | 十         | 7        | -†                | _          |          | 119        | _        | 7        |          |          | ٠,           | ω.           | П                      |           | コ        | ᅱ        |
| è                                       |        |          | ┨┤        | +        | H  | ╫                 | ╁         | +-      | $\vdash$     | +-       | -            | Н               | - 1 |        | 70                   | -         | -          |            |             | $\dashv$ | -        | -         | -        | +                 | $\neg$     | $\vdash$ | 120        | 7        | 7        |          | 1        |              |              |                        |           | $\dashv$ | $\neg$   |
|   |        | 20       | ₩         | +        | -  | #                 | ┼         | 1       | <del> </del> | 1        | -            | $\vdash \vdash$ | -   |        |                      | -         | -          |            | -           | $\dashv$ | -        | -+        | -+       | $\dashv$          | $\dashv$   | -        | 121        | +        | -        | $\dashv$ |          |              |              | $\vdash$               | $\vdash$  | $\neg$   | $\dashv$ |
| <b>1</b>                                |        | 21       | 11        | 4        | Н- | ₩                 | 1         | -       | ╀            | ┼        | ├-           | H               | ŀ   |        | 71                   |           | -          | $\dashv$   | $\dashv$    | -        |          | -         | -+       | $\dashv$          | -          | -        | 122        | -        |          | -        |          | Ĥ            | -            | Н                      |           |          | ᅱ        |
| `  _                                    |        | 22       | H         | 4        | 4  | #                 | ┼-        | ┼-      | ╁-           | ╀        | ╀            | Н               | - 1 |        | 72                   | -         |            | $\dashv$   | -           |          | -        | $\dashv$  | -        |                   | -          |          | 123        | $\dashv$ | -        | -        |          |              | -            | Н                      | Н         | $\dashv$ |          |
| <br> -                                  |        | 23       | Н         | 4        | Щ. | #                 | ╄         | ↓_      | ↓_           | ╄-       | 1            | Н               | ŀ   |        | 73<br>74             | $\dashv$  |            | -          | $\dashv$    | -        |          | -         | -        |                   | $\dashv$   | $\vdash$ | 124        | $\dashv$ | -        |          |          | <del> </del> | H            | Н                      | $\vdash$  | $\dashv$ | $\dashv$ |
| -                                       |        | 24       | Н         | 4        | #  | Ц.                | ╄-        | ↓_      | 1            | -        | ╄            | Н               |     |        |                      |           |            |            |             | -        | -        |           |          | $\dashv$          |            | -        | _          |          | -        | _        |          |              |              | Н                      | $\vdash$  | _        | $\dashv$ |
| L                                       |        | 25       | Ш         | 4        | Ш  | V                 | $\perp$   | ╄       | ┼-           | +        | ╄            | Ш               |     |        | 75                   | -         |            |            | $\dashv$    |          |          | $\dashv$  | -1       | -                 | -          | $\vdash$ | 125        | -        | $\dashv$ |          |          | -            | H            | Н                      | Н         |          | $\vdash$ |
| <u> </u>                                | 7      | 26       | X         | _        | J. | N                 | _         | _       | ↓_           | ╄        | ↓_           | Н               | - } |        | 76                   | _         |            | -          | $\dashv$    | $\dashv$ |          |           | -        | -                 | $\dashv$   | $\vdash$ | 126        |          |          |          |          | -            | -            | -                      | Н         | $\vdash$ | Н        |
| F                                       | $\Box$ | 21       |           | 4        | V  | 11                | 1         | $\perp$ | ╄-           | ╀-       | ↓_           | Ш               |     |        | 77                   | _         |            | Щ          |             | $\dashv$ | _        | -         |          | $\vdash$          | <b>⊣</b> . | -        | 127<br>128 | -        |          | _        |          | -            | -            | $\vdash$               | Н         |          | Н        |
| _                                       |        | 28       | _         | 4        | 1  | '↓∠               | 1         | ╄-      | 4_           | <b>↓</b> | 1_           | Ш               |     |        | 78                   | _         |            | ш          | _           |          |          | $\dashv$  | $\dashv$ |                   |            | -        | 129        | $\dashv$ |          |          |          | $\vdash$     | ⊢            |                        | Н         | Н        | $\vdash$ |
| L                                       | 4      | 29       | _         | 4        | Ŋ  | $\Delta$          | Ц_        | 1       | ┺            | ╄-       | <u> </u>     | <u> </u>        | -   |        | 79                   | _         |            | _          | _           | _        |          |           | -        | -                 |            | $\vdash$ |            |          | $\dashv$ |          | -        | ├            | ⊢            | $\vdash$               | H         | $\vdash$ | H        |
| L                                       | _      | 30       | _         | 1        | Н  | 11                | ļ         | 4_      | 1            | ╄        | <u> </u>     | Щ               |     |        | 80                   |           |            |            |             |          | _        | -         | -        | -                 | _          | -        | 130        | Н        |          |          | ⊢        | H            | ├            |                        | Н         | Н        | -        |
| L                                       | 4      | 31       | _         | 1        | Ц  | 11                | ┺         | 1       | 4_           | 1        | 1            | Щ               |     |        | 81                   |           | _          | <u> </u>   |             |          | _        | $\dashv$  |          | -                 |            | -        | 131        |          | -1       |          | <u> </u> | ├            | ⊢            | -                      |           | ┝        | H        |
| L                                       | _      | 32       |           | 1        | Ц  | Щ.                | ┸         | $\perp$ | ↓_           | 4        | <u> </u>     | Ш               |     |        | 82                   |           |            | <u> </u>   |             |          |          |           | _        | $\dashv$          | _          | - }-     | 132        |          | _        | _        | ├-       |              | ⊢            | $\vdash$               | Н         |          | H        |
| Į.                                      | $\Box$ | 33       |           | 1        | Ц  | Щ                 | ┸         | 1       | L            | 1        | 1            | Ш               |     |        | 83                   |           |            | <u></u>    |             | _        | _        | _         | _        | $\sqcup$          | _          | <u> </u> | 133        |          |          |          | <u> </u> | ├            | <del> </del> | ├                      | _         | H        | -        |
|   |        | 34       |           | $\perp$  | Ц  | 4                 | 1         | ֈ_      | ╄.           | 4        | 1            | Ш               |     | Ш      | 84                   |           | _          | L.         | Щ           |          | _        |           | _        | Ш                 | _          | $\vdash$ | 134        |          | 4        |          | <u> </u> | -            | <del> </del> | ⊢                      | $\vdash$  | <u> </u> | $\vdash$ |
|   |        | 35       |           |          | Ц  | #                 | 1         | 1       | $\perp$      | 1        | ╄-           | $\sqcup$        |     | Ш      | 85                   | _         |            | L          |             | Щ        |          |           | _        | ${oxed{\square}}$ | $\dashv$   | $\vdash$ | 135        |          |          |          | -        | ├            | ├            | ₩                      | $\vdash$  | <u> </u> | $\vdash$ |
| Ŀ                                       |        | 36       |           |          | Ц  | #                 | 1         | 4_      | 1            | $\perp$  | 1_           | Ш               |     | Щ      | 86                   |           | <u> </u>   | <u> </u>   | Щ           |          |          |           |          | $\vdash \vdash$   | $\dashv$   | -        | 136        | $\sqcup$ |          |          | ⊢        |              | . 1,2        | 56.20                  | H         | -        | <u> </u> |
| L                                       |        | 37       |           | $\sqcup$ | Ц  | 11                | 1         | $\perp$ | $\perp$      | 4        | 4_           | Ш               |     | Ш      | 87                   |           | <u> </u> _ | <u> </u>   | <u> </u>    | Ш        |          | <b>  </b> | _        | Ш                 | _          | $\vdash$ | 137        | $\vdash$ | _        |          | -        | -            | <del> </del> | 1                      |           | -        | $\vdash$ |
|   |        | 38       |           |          | Ц  | Щ                 | L         | 1       | ┸            | $\perp$  | _            | Ш               |     | Щ      | 88                   |           | <u> </u>   | _          | Ш           | Щ        |          |           | 닉        | $\sqcup$          | $\sqcup$   | $\vdash$ | 138        |          | _        |          | L        | ⊢            | <b>├</b>     | ₩                      | ₩         | -        | <b>—</b> |
|   |        | 39       |           | Ш        | Ц  | 11                | $\perp$   | $\perp$ | 1            | _        | <u> </u>     | Ш               |     | Ш      | 89                   |           | L          | <u> </u>   | L           |          |          |           | Щ        | Ш                 | Щ          | <u> </u> | 139        |          | _        | _        | $\vdash$ | <b>!</b>     | ₩            | <b>├</b>               | <b> </b>  | $\vdash$ | -        |
|   |        | 40       |           |          |    | Ш                 | 1.        |         |              |          |              |                 |     |        | 90                   |           |            | <u> </u>   |             |          |          |           |          | Ш                 | Ш          | L        | 140        | _        |          | _        | L_       | Ŀ            | 上            | ┖                      | L         | <u>L</u> | L        |
| Γ                                       | ٦      | 41       |           | П        | Γ  | W                 | Γ         | T       | Τ            | T        |              |                 |     |        | 91                   |           |            | L          |             |          | L        |           |          | $\sqcup$          |            | L        | 141        |          |          | _        | L        |              | lacksquare   | <u>_</u>               | <u>_</u>  | L        | L        |
| ٦                                       | П      | 42       |           | П        | T  | 111               | Т         | Τ       | 1            | 1        | Τ            |                 | !   |        | 92                   |           |            |            |             |          |          |           |          |                   |            |          | 142        |          |          |          | L        |              | L            |                        | _         | L        |          |
|   |        | 43       | П         | П        | Τ  | 1/                | Τ         | Τ       | T            | 1        | Τ            | Π               |     |        | 93                   |           |            | $\Gamma^-$ | L           |          |          |           |          |                   |            |          | 143        |          |          | L        | L        | _            | L            |                        |           | L        |          |
| ۲                                       |        | 44       |           | П        | Τ  | 1                 | $\top$    | Т       | T            | $\top$   | 1            | П               |     |        | 94                   |           |            | Г          |             |          |          |           |          |                   |            |          | 144        |          |          |          | L        | $L^{T}$      | L            |                        | L         | L        | L        |
|   |        | 45       |           | H        | 1  | #                 | T         | $\top$  | +            | $\top$   | 1            |                 |     | Г      | 95                   |           | Γ          |            | Ī           |          |          |           |          |                   |            |          | 145        |          |          |          |          |              |              |                        |           | $\Box$   |          |
| - 1                                     |        | 46       |           | П        | T  | 1                 | T         | $\top$  | Τ            | $\top$   | T            | T               | l   | Г      | 96                   |           |            |            |             |          |          |           |          |                   |            |          | 146        |          |          | Ĺ        | Ĺ        |              |              |                        |           | L        | Ĺ        |
| r                                       |        | 47       |           | H        | T  | #                 | 1         | 1       | 1            | 1        | $\top$       | 1               |     | Г      | 97                   |           |            | Г          |             |          |          |           |          |                   | П          | Г        | 147        |          |          |          |          |              |              |                        |           |          | L        |
| ŀ                                       |        | 48       |           | H        | 1  | #                 | $\dagger$ | +-      | T            | 十        | +            | T               |     |        | 98                   |           | Γ          | 1          | Г           | Γ        | Г        |           |          |                   |            | Г        | 148        |          |          |          |          |              |              | L                      |           |          | $\Box$   |
| l                                       | _      | 49       | Г         | H        | 1. |                   | 十         | 十       | T            | 1        | $\top$       | 1               | ĺ   |        | 99                   |           | Γ          | T          | Γ           |          |          |           |          |                   |            |          | 149        |          |          |          |          |              |              |                        | 匚         | Ĺ        |          |
| Ī                                       |        | 50       |           | 4        | ď  |                   | J         |         | 1            | $\perp$  | Ι            |                 | ]   |        | 100                  |           |            |            |             |          |          |           |          | $\prod_{i=1}^{n}$ |            |          | 150        |          |          | 匚        |          |              |              | $\perp$                | <u>L_</u> | L        | L_       |
| _                                       |        |          | _         | _        |    | -                 |           |         |              |          |              |                 | •   |        |                      |           |            |            |             |          |          |           |          |                   |            |          |            |          |          |          |          |              |              |                        |           |          |          |

If more than 150 claims or 10 actions staple additional sheet here